

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below by my name;

I believe I am the original, first and sole inventor, if only one name is listed below, or an original, first and joint inventor if multiple names are listed below, of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### INTEGRATED OPTICAL ROUTER

for which a patent application:

is attached hereto.

was filed in the United States on February 22, 2002 as Application No. ;  
 with amendment(s) filed on \_\_\_\_\_ (*if applicable*).

I hereby state that I have reviewed and understand the contents of the application identified above, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56, which states in relevant part:

Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section.... The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office....

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d), of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (Day, Month, Year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e), of any United States provisional application(s) listed below:

APPLICATION NUMBER	DATE OF FILING
60/349,090	January 16, 2002

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	DATE OF FILING	STATUS		
		PATENTED	PENDING	ABANDONED

I hereby appoint Daniel E. Vaughan (Reg. No. 42,199), A.

Richard Park (Reg. No. 41,241), Hoyt A. Fleming (Reg. No.

Attorney Docket No. UC02-232-1

41,753) and Edward J. Grundler (Reg. No. 47,615) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and to file, prosecute and transact all business in connection with international applications directed to said invention.

Address correspondence to:



Park, Vaughan & Fleming LLP  
508 Second Street, Suite 201  
Davis, CA 95616

31696

PATENT TRADEMARK OFFICE

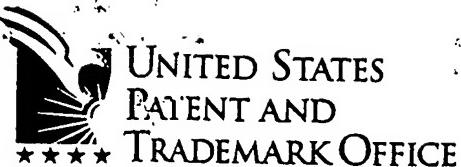
Direct telephone calls to:

A. Richard Park  
(530) 759-1661

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Name and Citizenship	Sung-Joo Ben Yoo	South Korea
	Residence Address	635 Cleveland St., Davis, CA 95616	
	Postal Address (if different from Residence)		
	Signature and Date	 Date 2/20/2002	
2	Name and Citizenship		
	Residence Address		
	Postal Address (if different from Residence)		
	Signature and Date		
3	Name and Citizenship		
	Residence Address		
	Postal Address (if different from Residence)		
	Signature and Date		
4	Name and Citizenship		
	Residence Address		
	Postal Address (if different from Residence)		
	Signature and Date		
5	Name and Citizenship		
	Residence Address		
	Postal Address (if different from Residence)		
	Signature and Date		

Additional inventor name(s) and signature(s) attached?: YES  NO



APRIL 25, 2002

PTAS

Commissioner for Trademarks  
Arlington, VA 22202-3513  
[www.uspto.gov](http://www.uspto.gov)

PARK, VAUGHAN & FLEMING LLP  
A. RICHARD PARK  
508 SECOND STREET, SUITE 201  
DAVIS, CA 95616



\*102003940A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/22/2002

REEL/FRAME: 012623/0867  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YOO, SUNG-JOO BEN

DOC DATE: 02/20/2002

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, THE  
1111 FRANKLIN ST., TWELFTH FLOOR  
OAKLAND, CALIFORNIA 94607-5200

SERIAL NUMBER: 10081396

FILING DATE: 02/22/2002  
ISSUE DATE:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED

03-06-2002

Attorney Docket No. UC02-232-1

FORM PTO-1595

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SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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02/22/02

To the Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Sung-Joo Ben Yoo

2. Name and address of receiving party(ies):

Name: The Regents of the University of California  
Street Address: 1111 Franklin St., Twelfth Floor  
City: State: Zip: Oakland, CA 94607-5200

Additional name(s) &amp; address(es) attached?

[ ] Yes [X] No

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

3. Nature of conveyance:

[X] Assignment      [ ] Merger  
 [ ] Security Agreement      [ ] Change of Name  
 [ ] Other

Execution Date: February 20, 2002

4. Application number(s) or patent number(s):

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? [ ] Yes [ ] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: A. Richard Park  
 Park, Vaughan & Fleming LLP  
 508 Second Street, Suite 201  
 Davis, CA 95616

Attorney Docket No.: UC02-232-1

6. Total number of applications and patents involved: [ ]

7. Total fee (37 CFR 3.41) ..... \$40.00

[X] Enclosed

[ ] Authorized to be charged to deposit account

8. Deposit account number:

## DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

A. Richard Park  
 Name of Person Signing

  
 Signature

February 22, 2002  
 Date

Total number of pages including cover sheet, attachments and document: [5]

#corporate power of attorney

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Attorney Docket No. UC02-232-1

## ASSIGNMENT

U.C. Case No.: UC02-232-1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Sung-Joo Ben Yoo

Hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

### **INTEGRATED OPTICAL ROUTER**

and which is found in

- (a)  U.S. provisional application filed herewith and listing the above named persons as inventors
- (b)  U.S. patent application filed herewith and listing the above named persons as inventors
- (c)  U.S. application serial no. \_\_\_\_\_, filed on \_\_\_\_\_
- (d)  U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

02/28/2002 18:11 530-752-8428  
02/28/2002 13:55 53075915

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PVF LEGAL

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Executed this

20 day of February, 2001

       day of             , 2001

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       day of             , 2001

Signature of Inventor(s)

